AMENDMENTS TO THE SPECIFICATION

TITLE

Please amend Title:

Composition comprising ~~the alcohol compound isolated from~~ the extract of Ceucurbitaceae Ffamily plant or the purified extract isolated therefrom having anti-adipogenic and anti-obesity activity

SPECIFICATION

Please amend:

Page 5, 4th full paragraph, last line

The term "the purified extract" disclosed herein comprises inventive 'CMC-9" designated by the present inventors, which could be prepared by the steps consisting of: adding about 5 to 15 fold volume of distilled water to dried material of Cucurbitaceae family plant, extracting the plant to obtain plant extract, filtrating and drying the extract with reduced pressure to obtain hot water-soluble extract of the plant at 1st step; suspending said hot water-soluble extract with water and subjecting fractionation with hexane, chloroform, ethylacetate, butanol solvent with increasing order of polarity to obtain respective organic solvent-soluble fraction at 2nd step; subjecting said chloroform-soluble fraction to silica gel column chromatography with a solvent mixture mixed with hexane: chloroform: methanol (16:15:1) to afford 11 sub-fractions at 3rd step; subjecting 9th faction among said sub-fractions to repetitive silica gel column chromatography with a solvent mixture mixed with chloroform: methanol and HPLC to obtain inventive purified extract designated to "cmc-9" showing TLC spectrum as can be seen in Fig. 18 ~~12~~.

Page 2, 2nd full paragraph, line 5 and last line

Additionally, inventive 'CMC-9" designated by the present inventors, which could be prepared by subjecting chloroform soluble fraction showing most potent anti-adipogenic and anti-obesity activity to silica gel column chromatography with a solvent mixture mixed with hexane: chloroform: methanol (16:15:1) to afford 11 sub-fractions; subjecting 9th faction among said sub-fractions showing most potent anti-adipogenenic and anti-obesity activity to repetitive silica gel column chromatography with a solvent mixture mixed with chloroform: methanol (30:1) and HPLC using methanol ranging from 20 to 70% as a mobile phase and running 40% methanol with a flow velocity of 2 ml/m to obtain inventive "cmc-9" extract eluting at 26.8 min which shows 0.32 of R_f value in TLC eluting solvent system (chloroform: methanol=20:1) as can be seen in Fig. 18 ~~12~~.

Page 16, 1st full paragraph, last line

Example 6. Preparation of purified cmc-9 extract

770 mg of chloroform soluble extract was subjected to Silica gel column chromatography using column (3 x 27 cm) filled with 25 g of silica gel (Merck Co. No-9385) and eluting with solvent mixture (hexane: chloroform: methanol=16:15;1) as a mobile phase. Colleted fractions were dried to afford 11 fractions, i.e., 1st fraction (31 mg), 2nd fraction (18 mg), 3rd fraction (65 mg), 4th fraction (18 mg), 5th fraction (54 mg), 6th fraction (75 mg), 7th fraction (39 mg), 8th fraction (200 mg), 9th fraction (20 mg), 10th fraction (163 mg) and 11th fraction (64 mg). 20 mg of 9th fraction showing most potent anti-obesity activity was subjected to silica gel column chromatography filled with 2 g of silica gel (Merck 9385) and eluted with a stepwise application of solvent mixture containing linear gradient of chloroform: methanol (30:1→10: 1). To purify the 9th fraction further, HPLC using methanol ranging from 20 to 70% as a mobile phase and running 40% methanol with a flow velocity of 2 ml/m was performed to obtain inventive "cmc-9" extract eluted at 26.8 min. The cmc-9 extract was eluted at 15 min which shows 0.32 of R_f value in TLC eluting solvent system (chloroform: methanol=20:1) as can be seen in Fig. 18 ~~12~~.